

Converting Colors

HunterLab(42.4160, 7.4851,
-66.4493)

Have a look what the booklet for
HunterLab(42.4160, 7.4851,
-66.4493) contains.

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Color

**HunterLab(42.4160, 7.4851,
-66.4493)**

Conversions

Conversions Part 1	
Format	Color
Hex	1975DA
RGB	25, 117, 218
RGB Percent	10%, 46%, 85%
CMY	0.9019, 0.5412, 0.1451
CMYK	0.89, 0.46, 0.00, 0.15
HSL	211°, 79%, 48%
HSV	211°, 89%, 85%
XYZ	19.4170, 17.9912, 68.7788
YIQ	101.0060, -87.2530, 11.9070

Conversions

Conversions Part 2

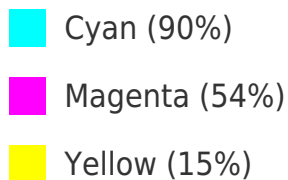
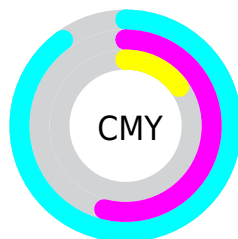
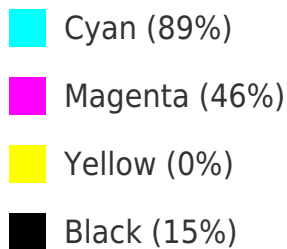
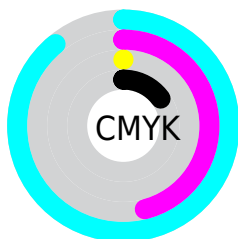
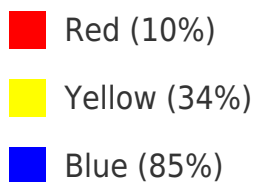
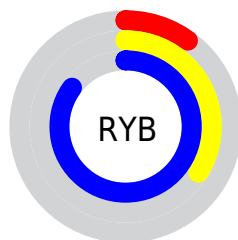
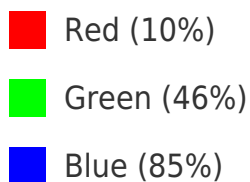
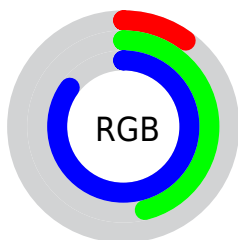
Format	Color
RYB	25, 87, 218
Decimal	1668570
CIELab	49.49, 12.21, -58.70
CIELCh	49, 59.955, 281.755
Yxy	17.9917, 0.1829, 0.1694
Android (android.graphics.Color)	4279858650 (0xFF1975DA)
YUV	101.0060, 57.6780, -66.6573
Hunter-Lab	42.4160, 7.4851, -66.4493

Details

The HunterLab color **42.4160, 7.4851, -66.4493** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **54.6850, 23.6180, 33.1113**, and the grayscale version is **35.8933, -1.9152, 1.9501**.

A 20% lighter version of the original color is **61.9786, 1.6611, -52.2838**, and **26.4366, 12.5576, -60.1517** is the 20% darker color. If you saturate the color by 10%, you get **39.1237, 12.7782, -76.1881**, and if you desaturate by 10%, it is **46.0520, 3.1013, -56.9659**.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.4160, 7.4851, -66.4493 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 42.4160, 7.4851, -66.4493 by changing the saturation by 10% instead.

42.4160, 7.4851,
-66.4493

42.4160, 7.4851,
-66.4493

155.1851, 6.3700,
-72.8202

33.0817, 7.2787,
-66.5641

63.2638, 7.6521,
-67.3633

24.5544, 6.9693,
-67.5430

74.6832, 7.6296,
-68.0766

16.9199, 6.5368,
-70.3234

86.7172, 7.5461,
-68.8582

10.2983, 5.9498,
-77.5189

99.3361, 7.4069,
-69.6688

0.0000, INF, -NF

0.0000, NaN, -NF

112.5139, 7.2164,
-70.4835

0.0000, NaN, -NF

126.2277, 6.9781,

0.0000, NaN, -NF

-71.2867

0.0000, NaN, NaN

140.4575, 6.6951,
-72.0678

■ 42.4160, 7.4851,
-66.4493

■ 42.4160, 7.4851,
-66.4493

■ 39.1237, 12.7782,
-76.1881

■ 46.0520, 3.1013,
-56.9659

■ 38.6559, 13.6016,
-77.6785

■ 50.0173, -0.3286,
-47.8123

■ 54.2812, -2.8609,
-39.0529

■ 58.8119, -4.5855,
-30.7099

■ 63.5798, -5.6004,
-22.7751

■ 68.5590, -6.0000,
-15.2217

■ 73.7267, -5.8691,
-8.0143

■ 79.0638, -5.2814,
-1.1146

■ 84.5538, -4.2997,
5.5151

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.4166, -15.6890, -63.5253



42.4160, 7.4851, -66.4493



42.4166, 32.7952, -44.8267

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42.4166, 7.4863, -66.4482



42.4166, 37.6505, 22.2967



42.4166, -37.6217, 13.8216

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



42.4160, 7.4851, -66.4493



54.6850, 23.6180, 33.1113

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



42.4166, -28.6872, 23.6620



42.4160, 7.4851, -66.4493



42.4166, 13.0675, 26.3566

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



42.4166, 7.4863, -66.4482



42.4166, 52.6122, 10.2688



42.4166, -11.2089, 26.6610



42.4166, -38.4714, -7.5737

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42.4160, 7.4851, -66.4493



42.4166, 46.1607, -23.9577



42.4166, -11.2089, 26.6610



42.4166, -35.5744, 18.1996

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



42.4166, 7.4863, -66.4482



82.6574, -7.1791, -17.0545



71.9888, -53.6827, 27.5142



37.2765, -3.2938, -9.2966

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.4166, 7.4863, -66.4482



45.8534, 16.8933, -93.7805



24.5127, 55.3269, -144.3623



36.9268, -2.5157, -0.8156



30.2736, 9.8027, -59.0006



8.7497, 0.5133, -12.0445

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41.0929, 69.1428, 2.2493



47.5959, 84.4374, 8.0577



80.3914, -22.5420, 48.4627



36.2689, 2.0510, 1.0138



30.9014, 54.9228, 4.4388



7.9748, 14.3775, -0.4313

Previews

White Background



This preview shows how the HunterLab color 42.4160, 7.4851, -66.4493 looks on a white background.

Color Contrast Check

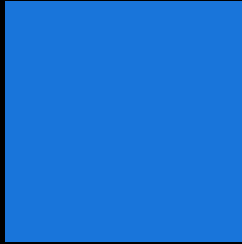
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 42.4160, 7.4851, -66.4493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

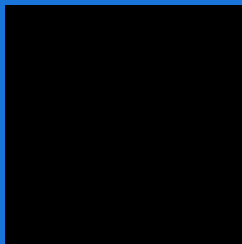
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

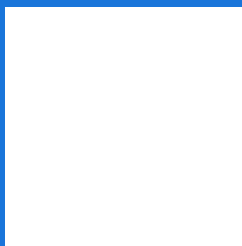
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.4160, 7.4851, -66.4493 Background



This preview shows how black text looks on a background with the HunterLab color 42.4160, 7.4851, -66.4493.



This preview shows how white text looks on a background with the HunterLab color 42.4160, 7.4851, -66.4493.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

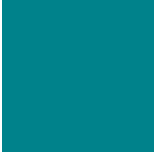
42.4160, 7.4851, -66.4493

Protanopia

42.4828, 11.3767, -62.4103

Deuteranopia

42.2455, 3.0964, -59.4874



Tritanopia

42.2248, -20.4474, -8.6372

Trichromacy



Original Color

42.4160, 7.4851, -66.4493

Protanomaly

42.2748, 9.4605, -63.9510

Deuteranomaly

42.2126, 4.7854, -62.3230

Tritanomaly

41.8957, -11.4786, -26.8116

Monochromacy



Original Color

42.4160, 7.4851, -66.4493

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

37.3436, -3.0240, -18.9340

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4160, 7.4851, -66.4493 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(25, 117, 218)` looks like.

```
.text, #text, p{  
    color:rgb(25, 117, 218)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(25, 117, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 117, 218) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4160, 7.4851, -66.4493 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(25, 117, 218) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(25, 117, 218) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(25, 117, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 117, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 117, 218);  
box-shadow:4px 4px 4px 4px rgb(25, 117,  
218) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4160, 7.4851, -66.4493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 117, 218) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(25, 117,  
218) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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